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Application Number

08-332046

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I hereby request access under 37 CFR 1.14(a)(1)(iv) to the application file record of the above-identified ABANDONED application, which is identified in, or to which a benefit is claimed, in the following document (as shown in the attachment):

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United States Patent Number 6248516, column \_\_\_\_\_, line \_\_\_\_\_, or

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US006248516B1

(12) **United States Patent**  
Winter et al.

(10) Patent No.: **US 6,248,516 B1**  
(45) Date of Patent: **Jun. 19, 2001**

(54) **SINGLE DOMAIN LIGANDS, RECEPTORS  
COMPRISING SAID LIGANDS METHODS  
FOR THEIR PRODUCTION, AND USE OF  
SAID LIGANDS AND RECEPTORS**

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(\*) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 0 days.

(21) Appl. No.: **08/470,031**

(22) Filed: **Jun. 6, 1995**

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1994, which is a continuation of application No. 07/796,805,  
filed on Nov. 25, 1991, which is a division of application No.  
07/580,374, filed on Sep. 11, 1990, now abandoned.

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(51) Int. Cl.<sup>7</sup> ..... **C12Q 1/68**

(52) U.S. Cl. .... **435/6; 435/69.6; 435/252.33;  
435/441; 435/446**

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23.4, 23.5, 23.6**

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#### (57) ABSTRACT

The present invention relates to single domain ligands derived from molecules in the immunoglobulin (Ig) superfamily, receptors comprising at least one such ligand, methods for cloning, amplifying and expressing DNA sequences encoding such ligands, preferably using the polymerase chain reaction, methods for the use of said DNA sequences in the production of Ig-type molecules and said ligands or receptors, and the use of said ligands or receptors in therapy, diagnosis and catalysis.

21 Claims, 23 Drawing Sheets